FIG. 1

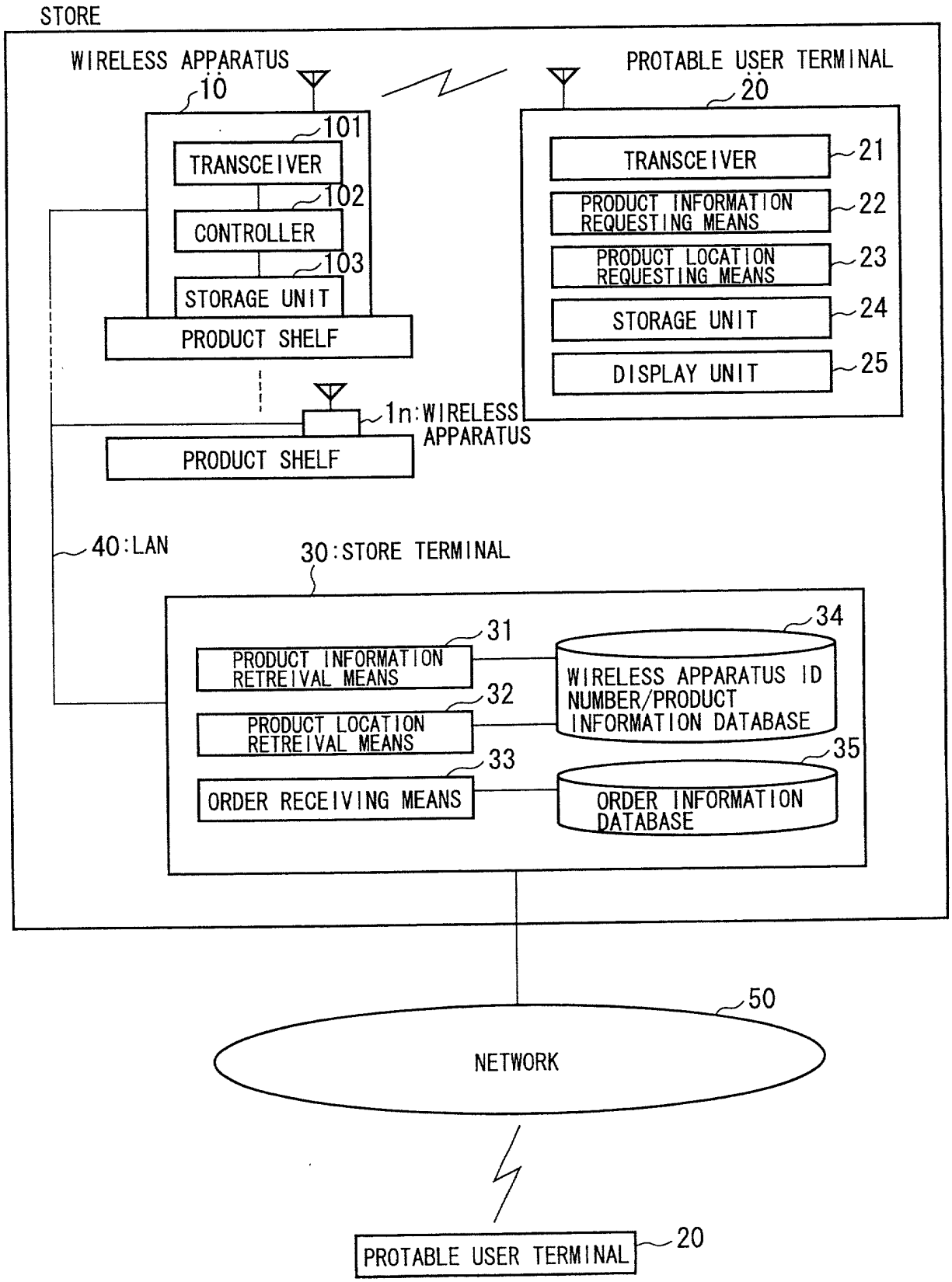

STORE
WIRELESS APPARATUS
10
101
TRANSCEIVER
102
CONTROLLER
103
STORAGE UNIT
PRODUCT SHELF
1n:WIRELESS APPARATUS
PRODUCT SHELF
PROTABLE USER TERMINAL
20
TRANSCEIVER
21
PRODUCT INFORMATION REQUESTING MEANS
22
PRODUCT LOCATION REQUESTING MEANS
23
STORAGE UNIT
24
DISPLAY UNIT
25
40:LAN
30:STORE TERMINAL
31
PRODUCT INFORMATION RETREIVAL MEANS
32
PRODUCT LOCATION RETREIVAL MEANS
33
ORDER RECEIVING MEANS
34
WIRELESS APPARATUS ID NUMBER/PRODUCT INFORMATION DATABASE
35
ORDER INFORMATION DATABASE
50
NETWORK
PROTABLE USER TERMINAL
20

FIG. 2

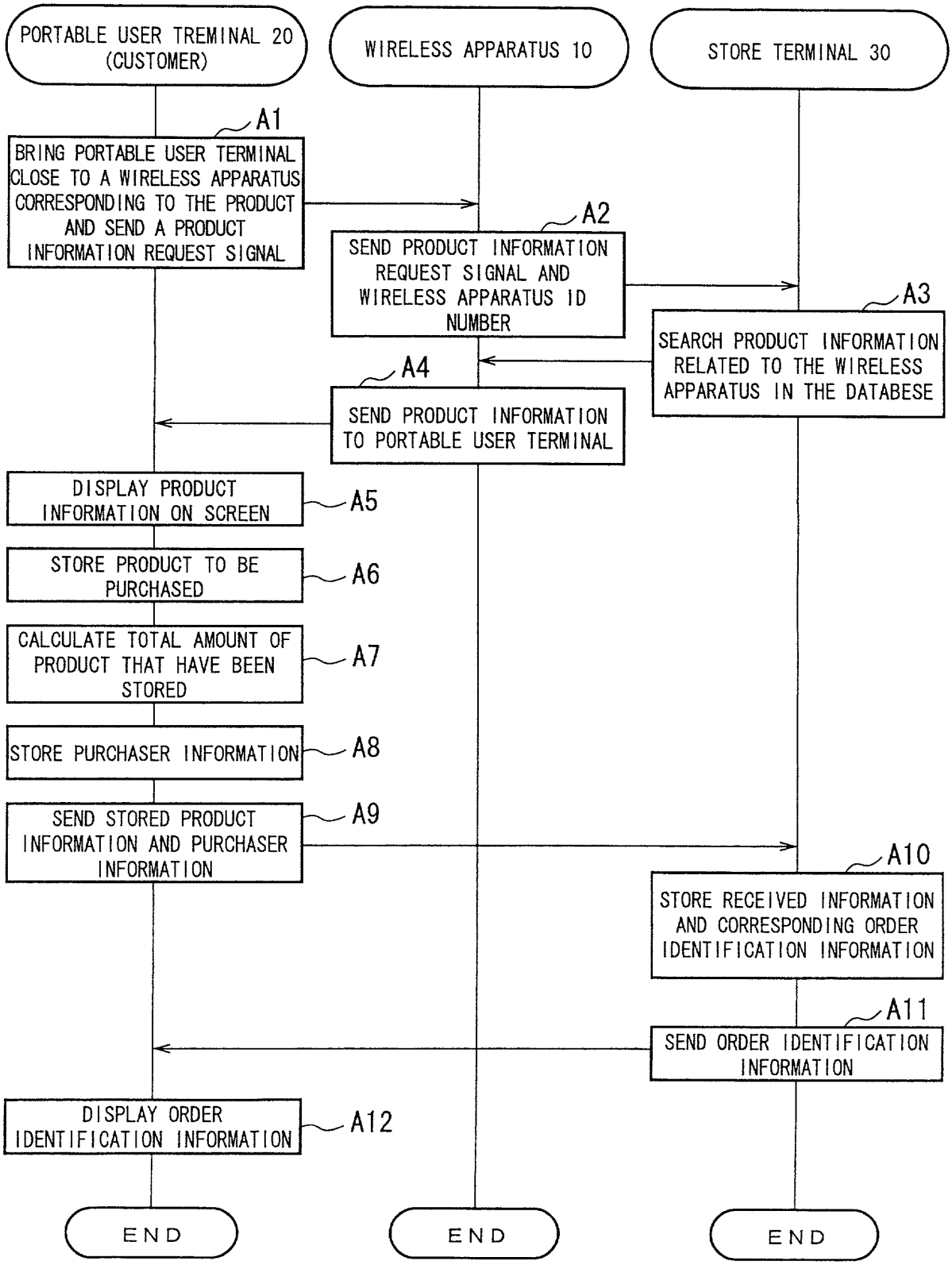

PORTABLE USER TREMINAL 20 (CUSTOMER)
WIRELESS APPARATUS 10
STORE TERMINAL 30
A1
BRING PORTABLE USER TERMINAL CLOSE TO A WIRELESS APPARATUS CORRESPONDING TO THE PRODUCT AND SEND A PRODUCT INFORMATION REQUEST SIGNAL
A2
SEND PRODUCT INFORMATION REQUEST SIGNAL AND WIRELESS APPARATUS ID NUMBER
A3
SEARCH PRODUCT INFORMATION RELATED TO THE WIRELESS APPARATUS IN THE DATABESE
A4
SEND PRODUCT INFORMATION TO PORTABLE USER TERMINAL
DISPLAY PRODUCT INFORMATION ON SCREEN
A5
STORE PRODUCT TO BE PURCHASED
A6
CALCULATE TOTAL AMOUNT OF PRODUCT THAT HAVE BEEN STORED
A7
STORE PURCHASER INFORMATION
A8
SEND STORED PRODUCT INFORMATION AND PURCHASER INFORMATION
A9
A10
STORE RECEIVED INFORMATION AND CORRESPONDING ORDER IDENTIFICATION INFORMATION
A11
SEND ORDER IDENTIFICATION INFORMATION
DISPLAY ORDER IDENTIFICATION INFORMATION
A12
END
END
END

FIG. 3

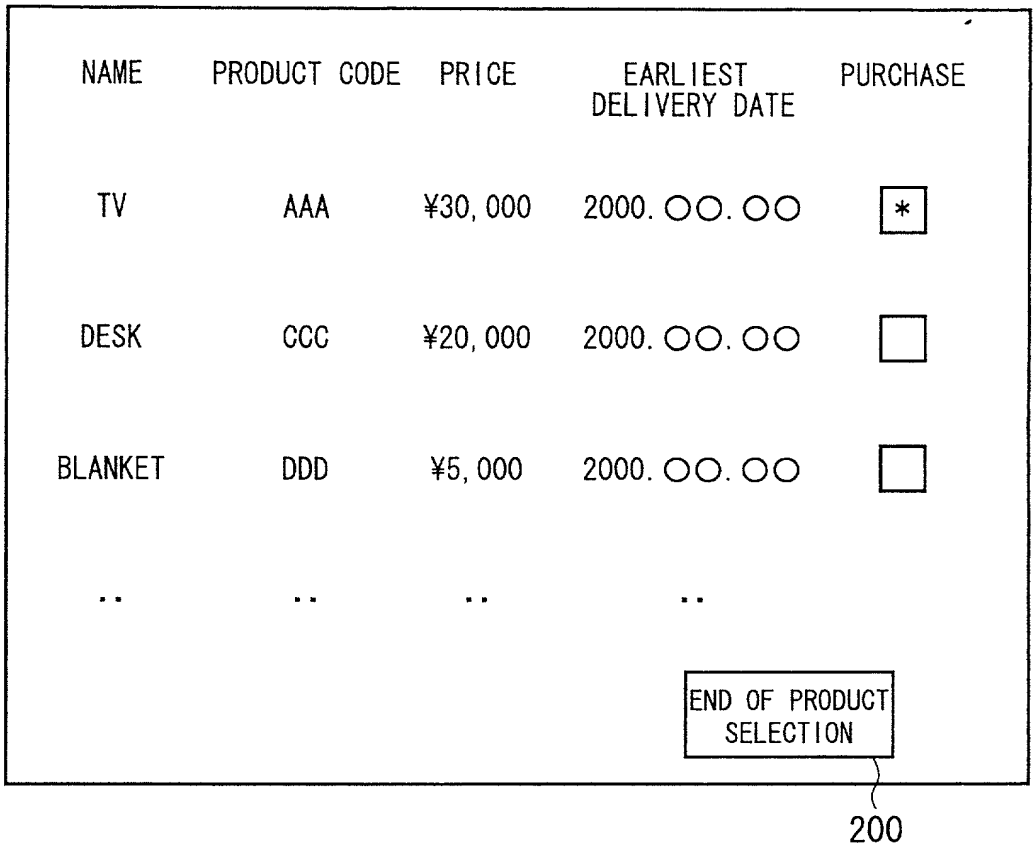
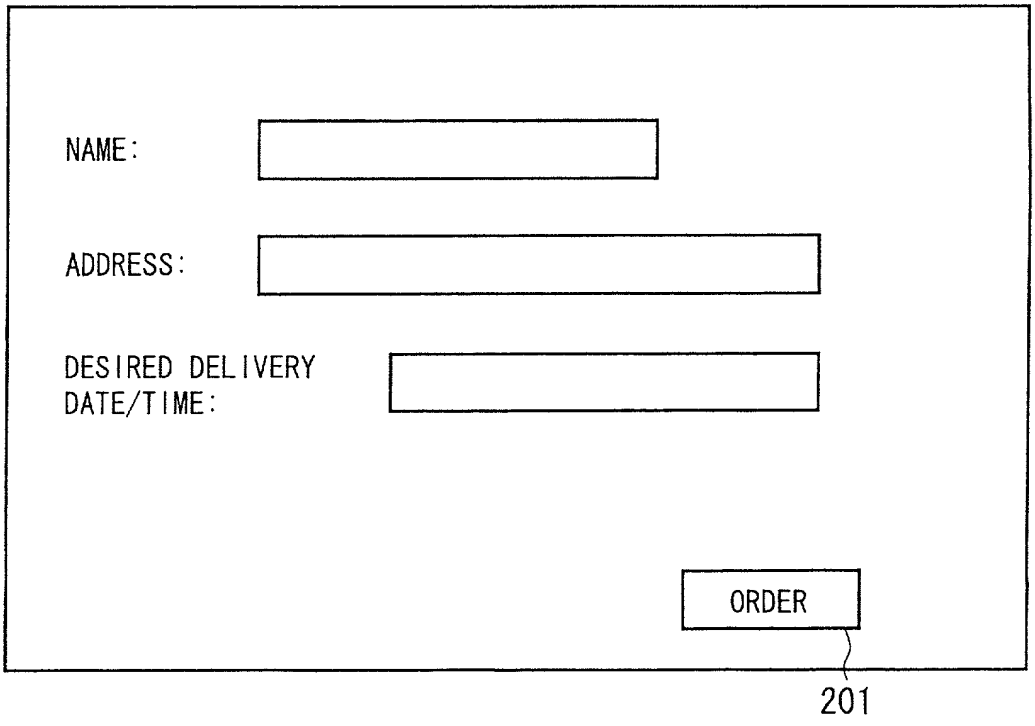


FIG. 4



Translation of PCT/JP2004/018908

FIG. 5

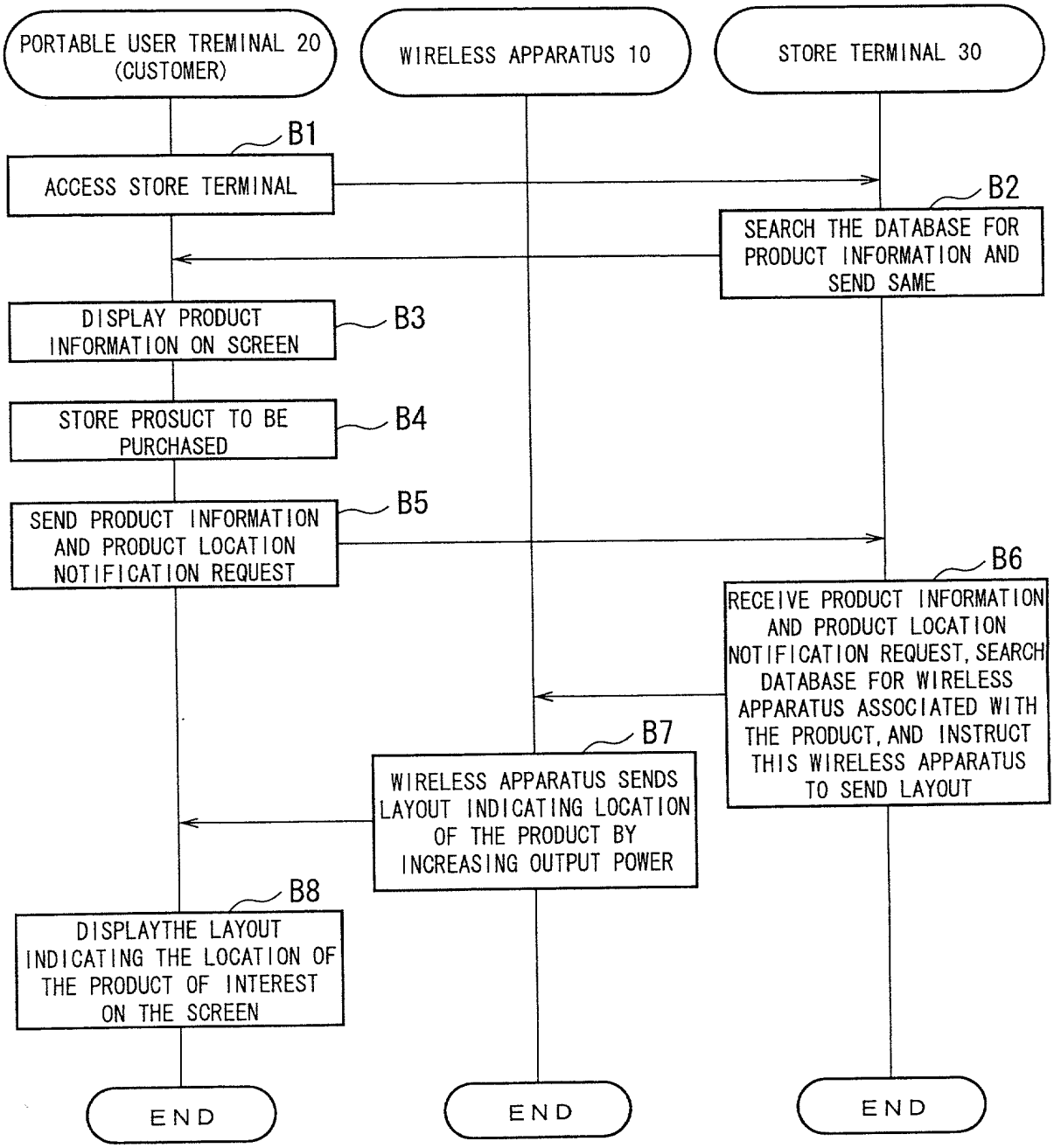
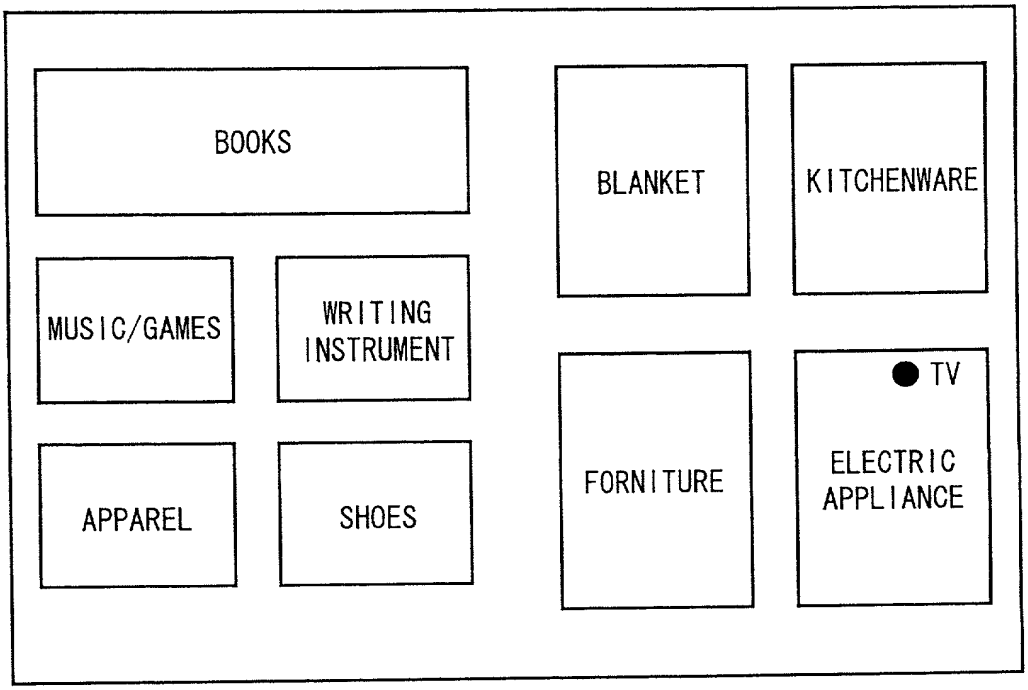

PORTABLE USER TREMINAL 20 (CUSTOMER)
WIRELESS APPARATUS 10
STORE TERMINAL 30
B1
ACCESS STORE TERMINAL
B2
SEARCH THE DATABASE FOR PRODUCT INFORMATION AND SEND SAME
DISPLAY PRODUCT INFORMATION ON SCREEN
B3
STORE PROSUCT TO BE PURCHASED
B4
SEND PRODUCT INFORMATION AND PRODUCT LOCATION NOTIFICATION REQUEST
B5
B6
RECEIVE PRODUCT INFORMATION AND PRODUCT LOCATION NOTIFICATION REQUEST, SEARCH DATABASE FOR WIRELESS APPARATUS ASSOCIATED WITH THE PRODUCT, AND INSTRUCT THIS WIRELESS APPARATUS TO SEND LAYOUT
B7
WIRELESS APPARATUS SENDS LAYOUT INDICATING LOCATION OF THE PRODUCT BY INCREASING OUTPUT POWER
B8
DISPLAYTHE LAYOUT INDICATING THE LOCATION OF THE PRODUCT OF INTEREST ON THE SCREEN
END
END
END

FIG. 6



JP2004-295884-A 20041021